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## **Late Prehistoric Stelae, Persistent Places and Connected Worlds: A Multi-Disciplinary Review of the Evidence at Almargen (Lands of Antequera, Spain)**

Marta Díaz-Guardamino, Leonardo García-Sanjuán, David Wheatley, José Antonio Lozano-Rodríguez, Miguel Ángel Rogerio-Candelera & Manolo Casado-Ariza

### **Abstract**

This paper examines how monuments with ‘local’ idiosyncrasies are key in processes of place-making and how, through persistence, such places can engage in supra-local and even ‘global’ dynamics. Departing from a detailed revision of its context, materiality, and iconography, we show how a remarkable Iberian ‘warrior stela’ brings together the geo-strategic potential of a unique site, located literally between the Mediterranean and the Atlantic worlds, the century-long dialogue between shared and local identities and the power of connectivity of inexorable global processes. Previous approaches to Iberian late prehistoric stelae have had problems in developing bottom-up, theoretically informed and empirically-sound approaches to their simultaneously local and supra-local character. The remarkable site of Almargen provides the opportunity to explore this issue. Located in Lands of Antequera (Malaga), a region with a strong tradition of landscape-making through monuments going back to the Late Neolithic, the Almargen ‘warrior stela’ serves us to explore the notion of ‘glocalisation’, which embodies persistent local engagements with material culture, sites and landscapes on the one hand, and their connections with wider regional and even ‘global’ worlds on the other.

### **Keywords**

Warrior stela, Late Prehistory, Place-making, Persistent Place, Glocalisation, Iberia, *Chaîne opératoire*, Digital Imaging, Petrography

## 1. Introduction: recent research on Iberian 'warrior' stelae

Iberia is home to an extraordinary series of late prehistoric monuments in the form of menhirs, statue-menhirs, and stelae (for a recent synthesis see Díaz-Guardamino 2010). A variety of 'traditions' have been identified and variously dated to the Copper Age, Bronze Age and Early Iron Age (c. 3400-750 BCE). Generally, these stone monuments share a focus on the representation of human bodies, often with personal attributes (weapons and/or elements of dress), depicting personages with distinctive local, regional or supra-regional stylistic traits. With some remarkable exceptions, most of these stelae and statue-menhirs appear as non-stratified finds. In addition, these monuments, to some extent portable, have been susceptible to relocation and re-use, as some better documented cases show (Díaz-Guardamino 2015). For a long time, these two factors fed back into the idea that stelae and statue-menhirs were 'de-contextualised' finds and could only be studied through formal or stylistic analysis. Consequently, traditional approaches, operating within a culture-history framework, focused on the iconography and formal traits of these monuments, which were treated as a 'finished' product (i.e. achieved in a single intervention) (see critique in Díaz-Guardamino 2010: Ch. 3; García-Sanjuán 2011, 538). These approaches largely overlooked very relevant aspects such as their manufacture, biography, context or landscape dimension, which in turn resulted in a limited understanding of these monuments, which ultimately remained unrelated to broader socio-economic contexts.

As a subset of this late prehistoric imagery in stone, the so-called 'warrior' stelae are found across western and south-western Iberia and dated to the Late Bronze Age (LBA) and the beginning of the Early Iron Age (EIA) (c. 1400/1250-750 cal BC). 'Warrior' stelae are carefully shaped slabs, measuring 60-160 cm in length, decorated on one of their sides. Their iconography revolves around the representation of a warrior persona through the patterned combination of a range of carved motifs: a human body (sometimes represented by the slab), headgear, weapons, chariots with horses, dogs, mirrors, weights, combs and/or lyres. Most of the stelae depict what appears to be the body of a deceased person surrounded by a panoply of weapons (perhaps the grave goods), although in few occasions they also include more than one human body and even 'narrative' compositions — for recent syntheses see Celestino 2001; Harrison 2004; Díaz-Guardamino 2010; Araque 2018.

Much of the research devoted to 'warrior' stelae until the 1990s focused on their iconography, the 'origin' of the artefacts depicted, and the long-distance connections they seemed to imply (e.g. Almagro-Basch, 1966). In the early 1990s onwards, research on the patterns of spatial association between find spots, settlements and/or strategic places (e.g. Galán 1993; Murillo 1994; Vilaça 1995; Pavón 1998) revealed that contrary to what had been previously thought, these monuments did have a well-defined landscape context: they were often found near settlements as well as pathways and places of passage (such as fords or mountain passes) (Díaz-Guardamino 2010, 368-389;

Pavón *et al.* 2018). In addition, they were frequently found in the vicinity of arable soil, pastures, water and/or mineral resources such as copper or tin (Enríquez 2006; Díaz-Guardamino 2010, 368-389). Some stelae could have been moved from their primary location, but in many cases, these displacements do not seem to have involved long distances; either way, such events were in themselves significant, as evidence of the interaction of diverse communities with these monuments over time. A gradual but steady turn in the research methods applied to these stelae conclusively showed that a contextual and landscape approach was both possible, relevant and necessary.

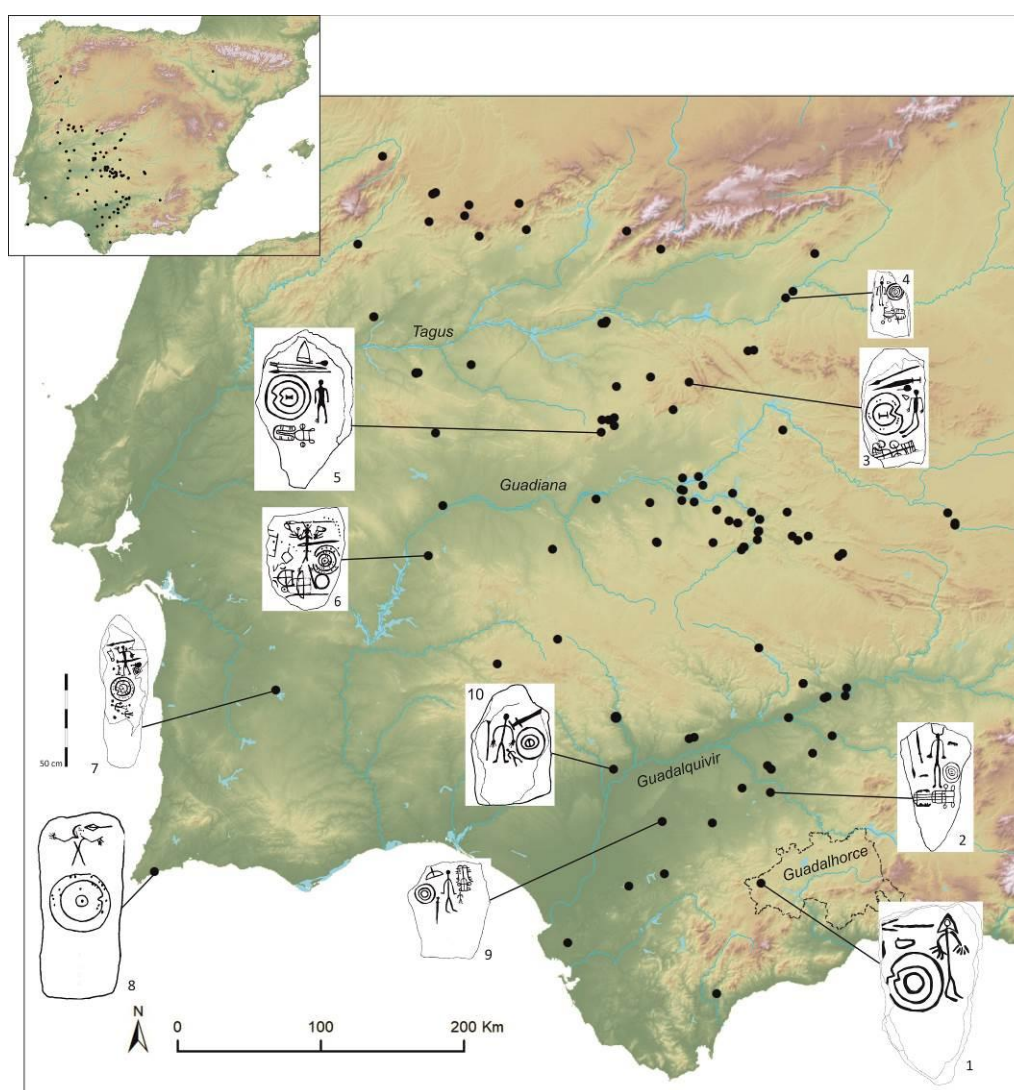
Subsequent studies have firmly established the commemorative nature of these monuments, their persistence in the landscape, as well as their frequent association with remains of multi-temporal activities, including funerary (such as older megalithic monuments and cists) or broadly coetaneous or later features such as urns or pits (see various case studies in Díaz-Guardamino, 2010). This has emphasized the need to study the stelae's find spots at a "micro" scale, regardless of whether their documented position was primary or secondary (García-Sanjuán *et al.* 2006; Díaz-Guardamino 2010, 340-346, 368-373; 2011; García-Sanjuán 2011; Díaz-Guardamino 2012, 400-410; García-Sanjuán & Díaz-Guardamino 2015, 189-195). As monuments that persist, both their primary and secondary uses are relevant to understand their role in the making of places and the creation of social (political) landscapes over time.

During the last decade, we have been developing this line of work through the study of recently discovered stelae at various locations in southern Spain, including Almadén de la Plata (Seville) (García-Sanjuán *et al.* 2006; Díaz-Guardamino *et al.* 2015), Mirasivienne (Lora del Río, Seville) (Díaz-Guardamino *et al.*, forthcoming) and Montoro (Cordoba) (García-Sanjuán *et al.* 2017). In addition to intensively studying the find spots through field walking, geophysics or excavation, and paying due attention to the materiality of the stone (lithological characterisation, provenancing, re-uses), we have also deployed state-of-the-art digital technologies to study the stelae from a biographical point of view, including the *chaîne opératoire* of their manufacture, as well as overlaying of motifs or subsequent modifications (e.g. Díaz-Guardamino and Wheatley 2013; Díaz-Guardamino *et al.* 2015; García-Sanjuán *et al.* 2017; Díaz-Guardamino 2020).

Our research reveals that prehistoric monumental sculptures in general, and 'warrior' stelae in particular, often accrue complex life histories in connection with 'persistent places' (*sensu* Schlanger 1992), that is, areas of the landscape that have been focus of repeated activity through time, subsequently developing a highly dense landscape 'matter' (Díaz-Guardamino 2010, 434-450). Thus, stelae are not just 'finished' and static iconographic displays linked to places of passage and long-distance contacts but are monuments with complex biographies involved in local processes of place-making and landscape-building, and these are questions that require further analysis. 'Warrior stelae' pose additional epistemological challenges: while certain elements of their iconography (motifs, composition) are clearly linked to long-distance interaction, setting them as

active agents in the crafting of wider networks of cultural and social connections, they are also strictly 'local' productions using local materials and 'know-how' rooted in older traditions of stela- and rock art-making (Díaz-Guardamino 2010, 330-340).

In this paper we intend to explore these problems. Our approach is based on a particular case study, namely the Almargen stela, located in the Lands of Antequera (Malaga, Spain) (Fig. 1). This case study connects with our ongoing engagement in the study of the Dolmens of Antequera UNESCO World Heritage Site, which itself presents unparalleled complex biographies set in a mesh of multiple and highly-dense landscape associations — for reference in English see García-Sanjuán and Lozano-Rodríguez 2016; García-Sanjuán et al 2016; Bradley & García-Sanjuán 2017.



**Figure 1.** Distribution of 'warrior' stelae in south-western Iberia, with indication of the warrior stelae mentioned in the text and the region of Lands of Antequera: 1. Almargen (Málaga); 2. Écija 5/El Berraco (Sevilla); 3. Solana de Cabañas (Cáceres); 4. Las Herencias 1 (Toledo); 5. Zarza de Montánchez (Cáceres); 6. Monte Blanco/Olivenza

(Badajoz); 7. Ervidel 2 (Beja); 8. Figueira (Algarve); 9. Cuatro Casas/Carmona (Sevilla);  
10. Burguillos (Sevilla) (Image: Marta Díaz-Guardamino).

## 2. Exploring emerging themes: ‘persistent places’, ‘place-making’ and ‘glocalization’

Almargen provides a unique case-study to further explore the notions of ‘persistent place’, ‘place-making’ and ‘glocalisation’ in connection to prehistoric stelae. The concept of ‘persistent places’ is commonly applied to interpret patterns of accumulation of remains of activities (mainly lithic scatters) associated with Mesolithic societies (e.g. Barton *et al.* 1995) but the model is equally applicable to the accumulation of remains produced in later periods. Persistent places may be associated with specific landscape features that attract human activity, such as heads of river drainage systems, fords, water springs, swamps, rocky outcrops, but also in relation to the exploitation of specific resources (ores, salt, pastures), or human-made features such as stone settings — including megalithic monuments —, rock art, and possibly hoards. Due to their durability, visibility, or to the memories and/or oral traditions associated with them, such features can attract long-term episodic use, but also permanent settlement, crafting the long-term histories of places of special significance (Bradley 2000, 155-58).

The relevance of place and placemaking in the forging of political landscapes or territories has been underscored in the context of early complex societies (e.g. Smith 2003, 12). Bradley (2000) also highlights the active role of places in the production of socially meaningful landscapes in the context of late prehistoric Europe. There, some places contributed to the (re)creation of long-term memories (and identities), and were subject of political manipulation (Bradley 2000, 155-59; 2002, 141-48). The implications of this for the study of Iberian LBA connectivity are clear: it is imperative to embrace the multi-temporality of place and gain understanding of the mediation of collective memory and persistent places in the making of LBA political landscapes and connectivity networks. In this context, the biographical approach (Kopytoff 1986; Gosden & Marshall 1999) has shown great potential for addressing the social and historical dimensions of prehistoric stone monuments (García-Sanjuán & Díaz-Guardamino 2015). In our research on stelae, this concept includes the *chaîne opératoire* (Leroi-Gourhan 1943) involved in their production, understood as the identification of the sequence of actions involved in its production, from obtaining the raw material, to its manufacture, primary and secondary ‘uses’ and ulterior deposition. Considering the durability and landscape dimension of these monuments, the various natural and anthropogenic post-depositional processes (including their eventual reuse/transformation, the effects of erosion or agricultural activities) that have contributed to its present state are also considered.

Finally, this paper further explores the interpretative potential of ‘warrior stelae’, by looking at a widely overlooked problem: their multiscale connections. The recent

critique of core-periphery models and post-colonial theory in archaeology has derived in the adoption of globalization theory (e.g. Maran 2011; Versluys 2014; Hodos 2016; Vandkilde 2016). Globalisation theory has a global (i.e. related to situated known worlds) focus on connectivity at multiple scales (global, regional, local) simultaneously. The emphasis is on local participation in wider (messy) networks, on the continuous entangled flow of things, ideas and people. Maran (2011) adopted the perspective of 'glocalization' (Roudometof 2016), which seeks to give due attention to the co-presence and co-constitution of the global and the local.

A 'glocalization' point of view is well-suited to untangle the multiscale connections of 'warrior' stelae. As iconographic monuments with long-distance connections but also strong 'local' idiosyncrasies, they are key in processes of place-making. Through persistence, such places can engage in supra-local and even 'global' dynamics, revealing complex relationships between local practices and global processes. Previous approaches to Iberian 'warrior stelae' have failed to build bottom-up, theoretically informed and empirically-sound approaches to their simultaneously local and supra-local nature. Research informed by globalization theory has focused primarily on material culture but, as Roudometof (2016) has highlighted, geography (i.e. space) is perhaps the most relevant field to connectivity (and glocality). Yet, the engagement with landscape in archaeology through the lens of globalization has been limited, particularly in Europe and the Mediterranean (e.g. see works in Hodos 2016). Large maps are drawn (e.g. Vandkilde 2016) and it is difficult to envision how the local and the regional mediated long-distance connectivity. In order to understand the global we need to embrace the local and examine how it related to the global.

While 'persistence', 'place-making' and 'glocalisation' are key concepts that define our theoretical priorities for an expanded research of prehistoric stelae, we remain as preoccupied as ever for the empirical grounding of our research. Thus, here we first present the results of a new analysis of the materiality of the Almargen warrior stela, which was conducted within a *chaîne opératoire*/biographical approach. We use petrography to characterize and determine the provenance of the stone, assess whether the stela had been found *in loco*, and, if so, analyse the relationship of the monument with its surrounding landscape. We also deploy a range of digital technologies, Digital Image Analysis (DIA), including Principal Components Analysis (PCA) and HSI contrast stretching techniques (Rogerio-Candelera 2015), Reflectance Transformation Imaging (RTI)<sup>1</sup> (Mudge et al. 2012; Díaz-Guardamino et al. 2015), and high resolution Structure from Motion (SfM) photogrammetry (Table 1) (Green *et al.* 2014), as well as Field Emission Scanning Electron Microscope (FESEM) to produce a robust record of the stela. This is of the greatest importance in order to identify and analyse surface marks linked to the shaping of the block, (re)carving of motifs, as well as other marks linked to post-depositional processes, outline their sequence, and assess the application of

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<sup>1</sup> Cultural Heritage Imaging: <http://culturalheritageimaging.org/Technologies/RTI/>

possible surface treatments (i.e. pigments). This is followed by a comparative study of its iconography, not just from a formal point of view but also from a technological one. This allows us to make inferences about the engagement of the communities involved in the making of this particular monument in broader networks of connections involving other regions of Iberia and beyond.

Photographs	Points – dispersed cloud	Points – dense cloud	Faces - mesh	Resolution Orthomosaic	Error (m)	Size 3D model
88	101,157	11,081,647	2,208,954	0.0698	0.000132	168MB

**Table 1.** Control data for the 3D modelling of the stela of Almargen.

Secondly, we present the results of a fresh analysis of the context and landscape this stela was part of, including new data on metalwork found in the locality, as well as results from post-excavation analysis of the nearby site of Las Madrigueras, which up until now remained completely unpublished. Finally, we discuss how Almargen can be seen as a persistent place with connections at multiple scales, local (Lands of Antequera), regional (southwestern Iberia) and beyond, and how this relates to its geo-strategic location.

In summary, we adopt a theoretically-informed, multidisciplinary bottom-up approach, as we believe that the combined analysis of the materiality and iconography of the stela (i.e. as material culture) and its context has the potential to push ahead the research agenda of prehistoric monumental sculpture. In doing so, we suggest that local practices and 'know-how' involved in the production and use of stelae, were linked to persistent places deeply rooted in collective memories that played major roles in the crafting of territories and connectivity at multiple scales.

### **3. The Almargen stela: a local manufacture with multi-scale connections**

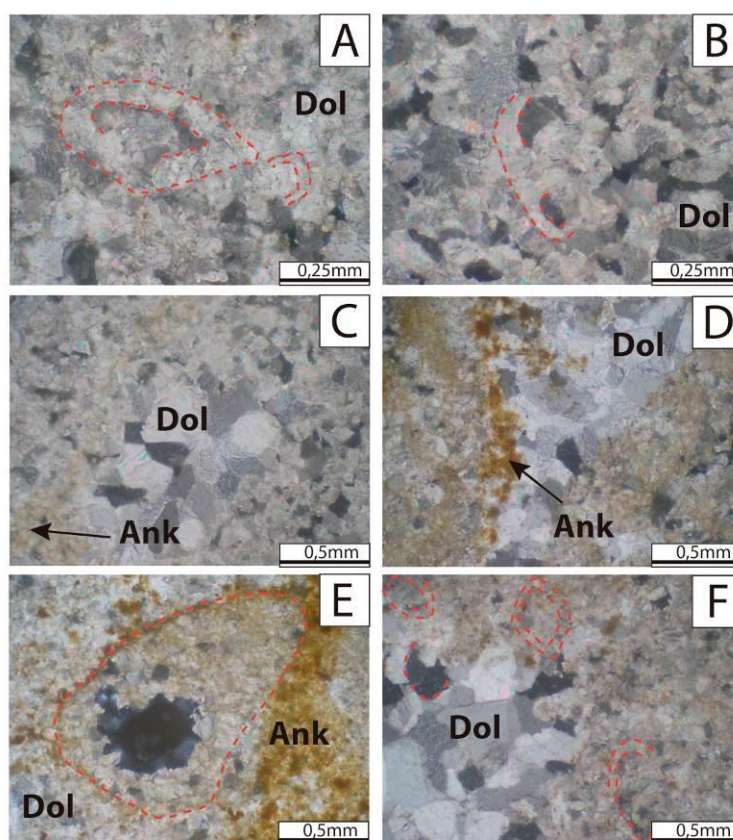
#### **3.1. Materiality**

The stela of Almargen was the first 'warrior stela' found in Malaga, a province predominantly inside the Mediterranean hydrological domain, widely considered beyond the sphere of distribution of these stelae. In line with traditional approaches focused on the iconographic traits of 'warrior' stelae, the Almargen stela was first studied within a rather descriptive and essentially 'typological' framework that basically looked at the motifs and their possible chronology (Villasaca 1993a). Since then, the number of known "warrior" stelae in Iberia has doubled, while in Andalusia their number has risen from 17 to 40 examples. New discoveries have extended the



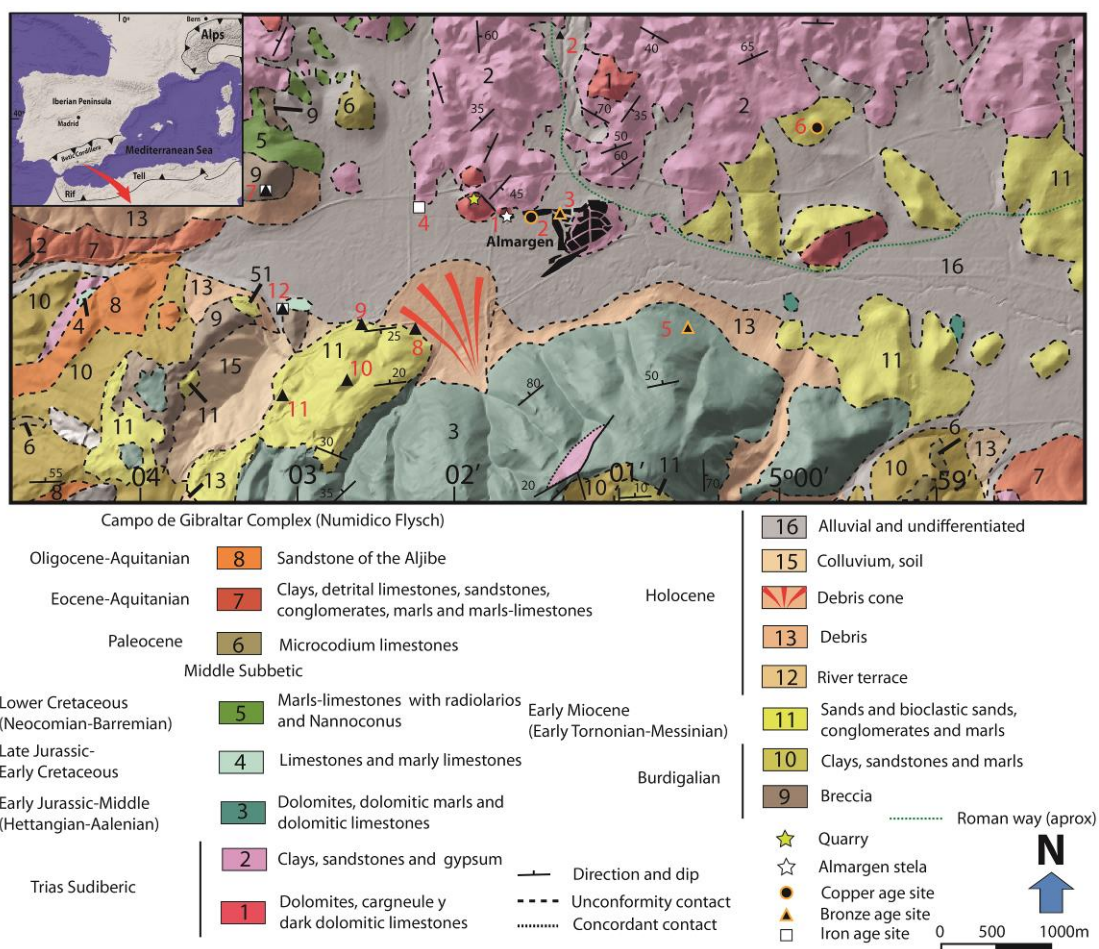
geographical distribution of these monuments and diversified their iconographic parameters, in some cases providing valuable contextual data.

Our analysis confirms that the Almargen stela was found *in loco*, that it was locally made with local 'know-how', with reference to object-categories that had broad circulation and to emerging graphic conventions that were shared among distant communities (indicative of connectivity at multiple scales). Petrographic thin section analysis reveals matching results between the stela and the lithology of a neighbouring hill, where numerous outcrops, loose slabs and evidence of quarrying activities of unknown date are found (Figs. 2 & 3).



**Figure 2.** Thin sections microphotographs taken under crossed nicols. A-D: Almargen stela; E-F: Possible quarry. Dol: dolomite; Ank: Ankerite (Image: José Antonio Lozano-Rodríguez).

The stela was carved in dark dolomite stone, part of both the Siles and the Cehegín formations. The two rocks (that of the stelae and that of the outcrop) contain iron carbonate (Ankerite) and present the same microfossils of Triassic-age foraminifera of the genus *Triadodiscus*. Its type species is *Trocholina (Paratrocholina) eomesozoicus*.

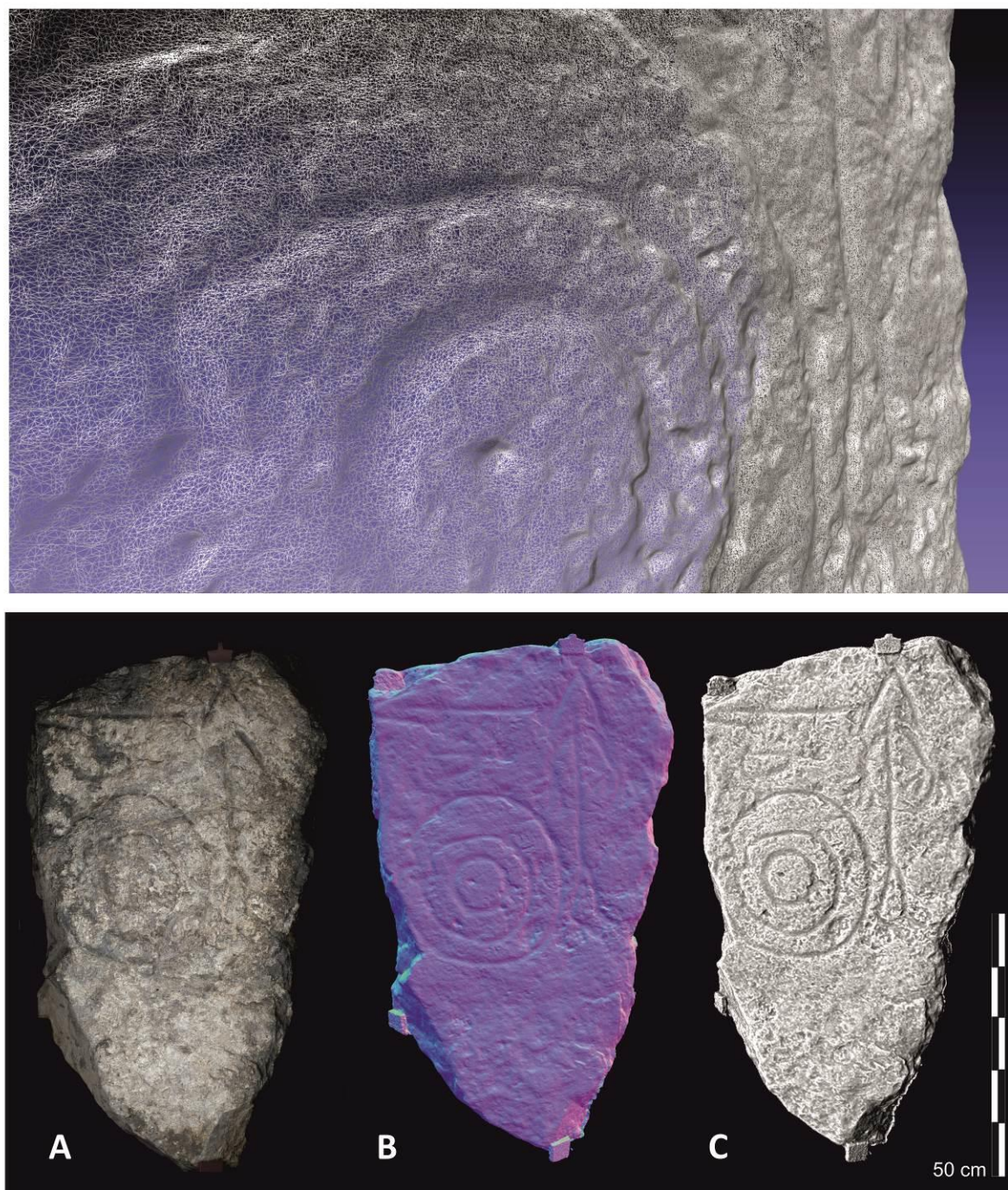


**Figure 3.** Detailed geological map of the area of Almargen (Image: José Antonio Lozano-Rodríguez)

The preserved contour of the stela, which appears to be mostly original, has a roughly triangular shape (Fig. 4). The right-hand side<sup>2</sup> has a rectilinear outline and shows some possible pick-marks of its primary shaping. The left contour shows large flakes produced by the fracture of the slab after the production of the stela (affecting the outline of the shield and the spear).

<sup>2</sup> As seen by the observer.

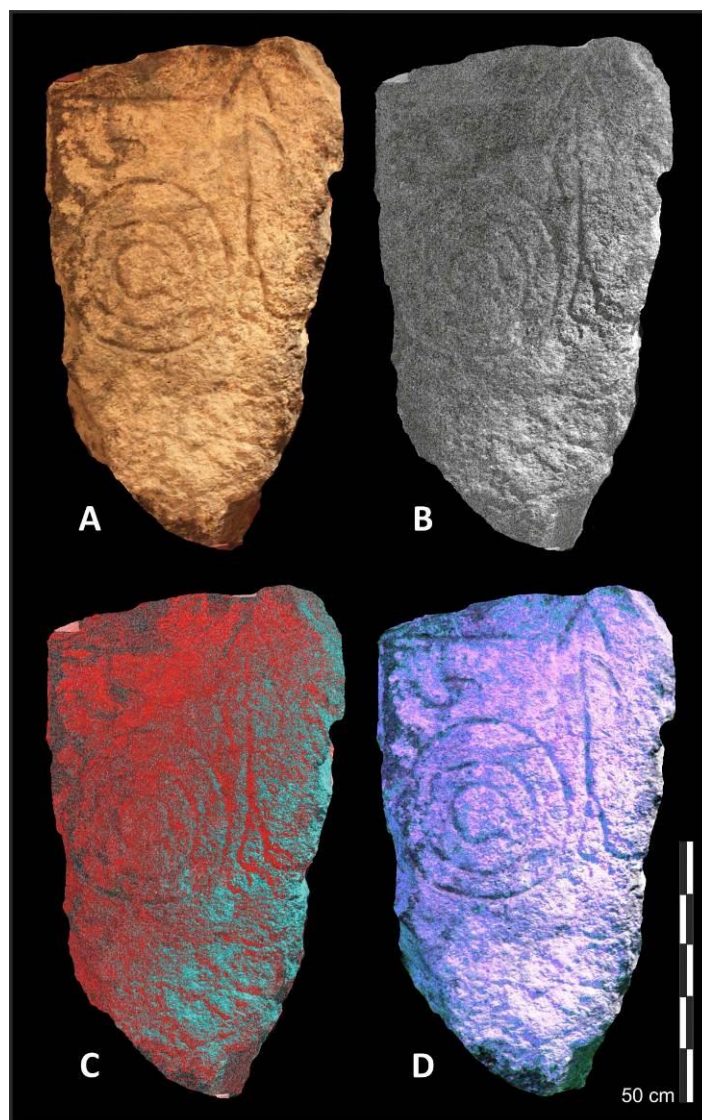




**Figure 4.** Digital recordings of the obverse of the stela of Almargen. Top: detail of the resolution of the 3D mesh created through SfM photogrammetry. Bottom: A. Conventional photograph; B. Normal map produced from RTI datasets; C. Shading Grey Descriptor Radiance Scaling (Meshlab) applied to 3D model (Image: Marta Díaz-Guardamino).

DIA did not suggest the presence of pigments on the decorated surface of the stela (Fig. 5, Table 2), and the FESEM images do not show anything related to further intentional surface treatment, although surface alterations linked to air pollution were detected. Detailed RTI examination (Fig. 6) confirmed that the decorated surface of the stela is

considerably altered, also likely due to weathering, which may have been exacerbated by the properties of the material. The preparation of the slab included the careful levelling of the surface, achieving an almost perfectly flat surface. The marks detected via RTI include hammering or chiselling in the lower section. The mid- and upper parts show a finer work of levelling, with marks of abrasion and pecking in different parts of the surface.



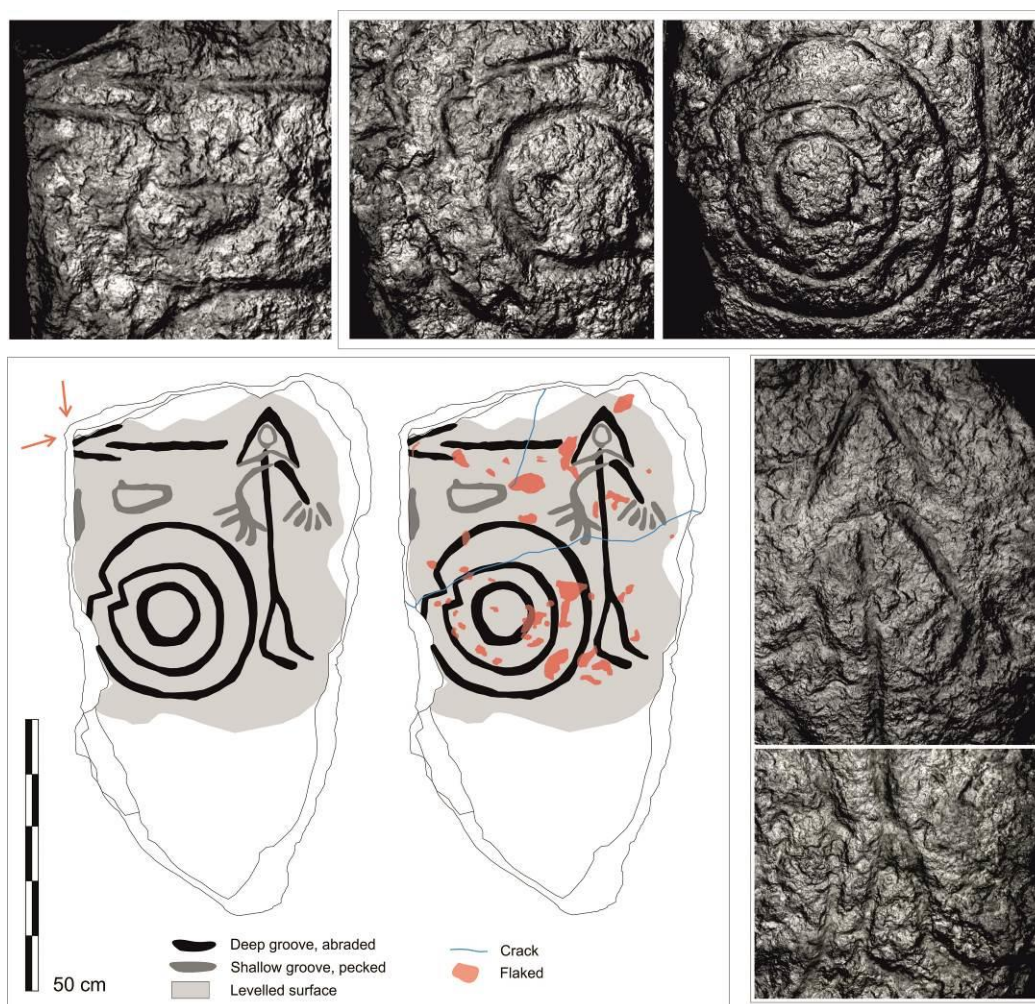
**Figure 5.** Digital Image Analysis: A. Conventional RGB image of the stela; B. 3rd principal component band of image A; C. False colour image from PCA bands (combination 233); D. HSI ECS treatment of one of the images of the stela (Image: Miguel Ángel Rogerio-Candelera).



	R	G	B
R	100.000.000	0.98325529	0.94549092
G	0.98325529	100.000.000	0.96495735
B	0.94549092	0.96495735	100.000.000

**Table 2.** Correlation matrix of the pixel values of the bands of one of the images of the stela of Almargen.

The combined analysis of the RTI files and the 3D model allowed to correct some details of earlier interpretations, to identify previously undetected elements (e.g. differentiating between original preserved outlines and more recent chips), and to determine the carving techniques used and possible traces of re-carving, suggesting a sequence of execution. The motifs detected comprise a V-notched shield, a spear, a human figure with possible helmet, a fibula with a small appendix, and other marks of likely anthropogenic nature in the lower section of the slab (Fig. 6).



**Figure 6.** Bottom left: Interpretative synthesis of the features identified on the obverse of the stela of Almargen generated from information provided by RTI/PTM and 3D model visualization (Left: features produced through the shaping and carving of the slab

in an initial phase with indication of the sides fractured at a later stage. Right: previous elements with the addition of flakes and fractures produced more recently). Top and right: Details of the grooves making up different motifs and of marks produced of abrasion in the upper part of the shield (RTI snapshots produced with the “Specular Enhancement” filter) (Image: Marta Díaz-Guardamino).

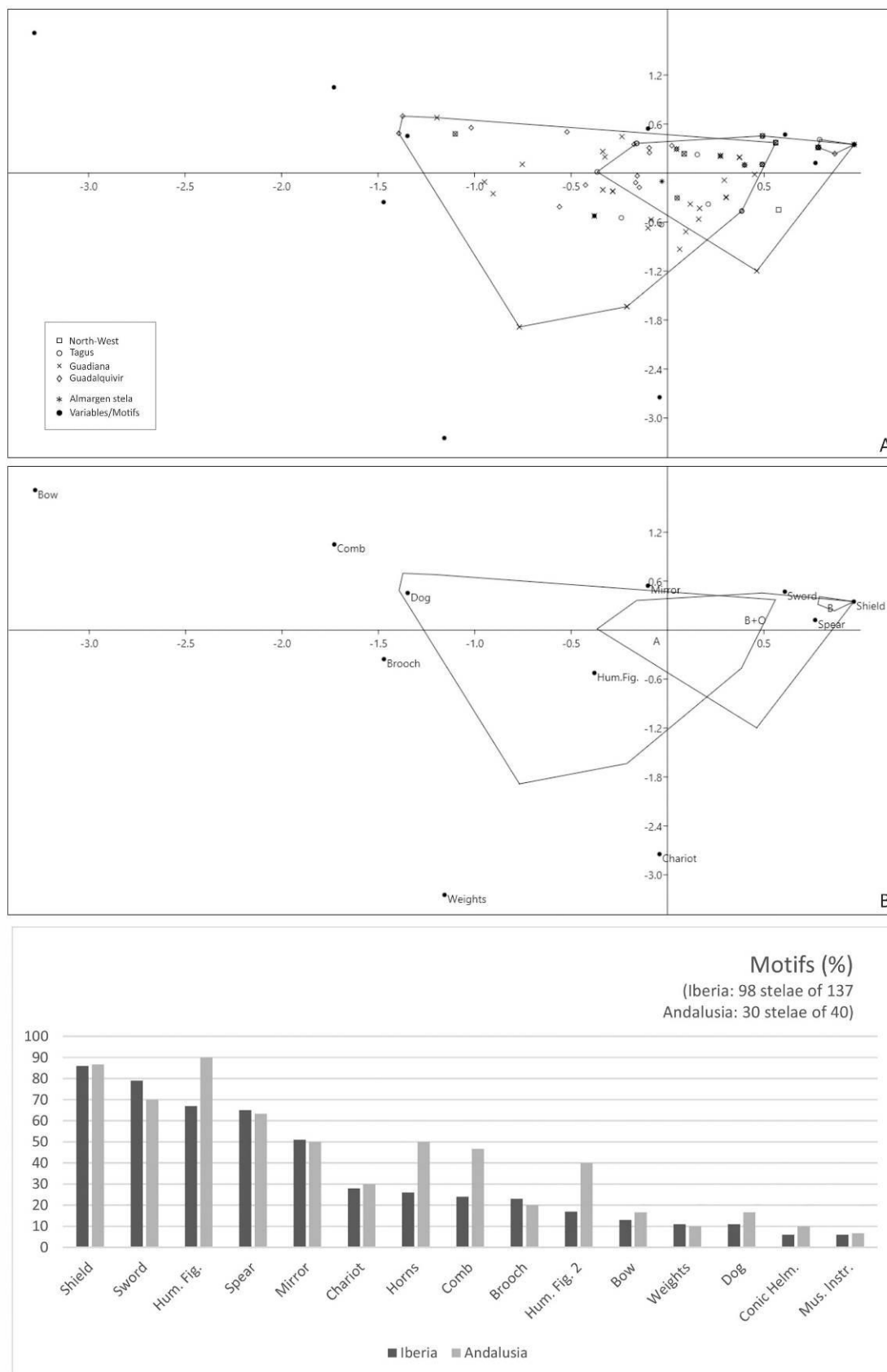
From a technical point of view, the most complex motif is the human figure. The conical motif (perhaps a helmet) closes at the height of the neck. The engraving of the cone has more depth and a smoother surface, the result of abrasion, than the groove closing at the base, which is shallower, more irregular, and it overlays (cuts) the groove representing the neck. Inside the triangle we only detect a very faint circular motif, somewhat striking as human figures on warrior stelae tend to have a well-defined head. Most of the grooves outlining the body of the human figure have a U-section and smooth surface. Nonetheless, the left arm, hands, legs and feet have shallower, not so well-defined grooves, and/or rougher surfaces. In the case of the legs it is possible that the rough surface is the result of post-depositional surface alteration. The surface of the groove of the left arm does not appear to be altered, therefore this element might not have received the same finish as the right arm.

The carving technique is the same for nearly all motifs: a wide (*ca.* 10 mm or 10-15 mm in the case of the shield) and deep, open groove (mostly U section) made by pecking with a smooth surface abrasion finish (Fig. 6). However, variations in the depth and texture of the grooves have been detected, both in the delineation of a single motif (e.g. conical motif) and in the complete outline of individual features (e.g. the hands). This variation could be associated with various factors: (i) the heterogeneous structure of the stone (directly impacting on the engraving work), (ii) the skill of the carver/s and their knowledge of the raw material, (iii) the intentional emphasis of certain features of the represented figures (e.g. conical element) in the primary phase of engraving or at later stages (re-carving), (iv) and/or subsequent erosion that has deteriorated the surface of the grooves. In addition, a carving sequence has been inferred from the few superimpositions detected and the position of the different motifs on the stone canvas. Due to their position, possibly central prior to the fragmentation of the slab's side, the shield and the spear are the articulating elements of the composition. The human figure was likely engraved after the shield, as the morphology of the body, particularly the legs, is adapted to the shield's outline. The human figure's torso and lower limbs were engraved before the left arm and the horizontal line that closes the conical headpiece, as the groove of these two motifs cuts (overlays) that of the torso/neck. The conical motif over the warrior's head was engraved prior to its horizontal closing line, possibly at the same time as the figure's torso and legs. Naturally, we can only infer the sequential order in which the motifs were carved, but it is not possible to establish the time elapsed between them.

Sometime after the carving phase the slab was broken on its left side and the upper left edge (Fig. 6), affecting a section of the spearhead, part of the outline of the shield's outer rim, and most of an unidentified motif positioned between the two. The stone also suffered cracks or breaks in recent times. A series of chip marks found only in the middle and upper sections of the slab, over the engravings, were possibly the results of weathering and deliberate removal. These may have occurred in a phase when the decorated part of the surface was exposed, while the lower third was not, perhaps during a period of early use when the stela was erected in the landscape.

### **3.2. Iconography**

Iconographic analysis allows us to view the Almargen stela within broader networks of connections. The motif-categories depicted on stelae reflect a selection of the artefact-categories that became known to, were manufactured by and/or circulated among Iberian communities through their engagement in connections with the broader Atlantic and Mediterranean. They were selected because of their currency and translated into genuinely local/regional Iberian expressions to convey ideas that were already known to western Iberian communities (as expressed in earlier stelae and statue-menhirs traditions, Díaz-Guardamino 2010).



**Figure 7.** Top and centre: Correspondence Analysis dispersion diagram: A. Cases (well-preserved stelae codified after the main region where they were found) and variables



(● motifs); B. Variables (● motifs), with indication of the groups' convex hulls ('types' B, B+O, A). Bottom: Presence of each motif in well-preserved stelae (percentage) in Iberia compared to Andalusia. (Image: Marta Díaz-Guardamino)

The Almargen stela includes three of the most common motifs in 'warrior' stelae: a shield, a spear and a human figure (Fig. 7: Bottom). A frequent starting point when analysing the formal variability of stelae is the covariation of iconographic motifs, which informs us about the object-categories that were chosen to be represented and their combination. Early quantitative studies of stelae iconography (Barceló 1989, 381, 394-95; Galán Domingo 1993, 43-48) were based on a limited number of cases (57 and 52 complete or with well-preserved stelae). Today, we have 95 well-preserved stelae. We analysed this larger sample with Correspondence Analysis (CA) using 11 variables<sup>3</sup> (motifs) in order to explore iconographic variability (covariation of motifs) (Fig. 7: Top). CA produces two dimensions which account for only 37.7% of the total variance (Table. 3), a percentage which increases to 51% if we include the third dimension. Although this percentage of variation is low, and the results cannot be taken at face value, there appear to be some interesting elements for discussion. The distribution of cases and variables (Fig. 7: Top) seem to be indicating a gradual increase in the 'iconographic vocabulary' available over time. This would be in line with the generally accepted idea that these stelae represent a selection of object-categories which circulated (as actual objects or ideas) via changing networks of social interaction. This matches currently accepted chronologies for the presence (in Iberia) and broader circulation of each of the artefacts (or knowledge of them) (Díaz-Guardamino 2012).

Axis	Eigenvalue	% of total	Cumulative
1	0.265648	22.65	22.65
2	0.176319	15.033	37.683
3	0.160053	13.647	51.33
4	0.143174	12.207	63.537
5	0.112546	9.596	73.133
6	0.0979624	8.3525	81.486
7	0.0819274	6.9853	88.471
8	0.0560373	4.7779	93.249
9	0.043957	3.7479	96.997
10	0.035223	3.0032	100

**Table 3.** Summary of the Correspondence Analysis.

<sup>3</sup>We have excluded redundant variables from this analysis, such as motifs representing horns, always associated with the human figure, or secondary human figures, as well as motifs which hardly feature (e.g. musical instruments).

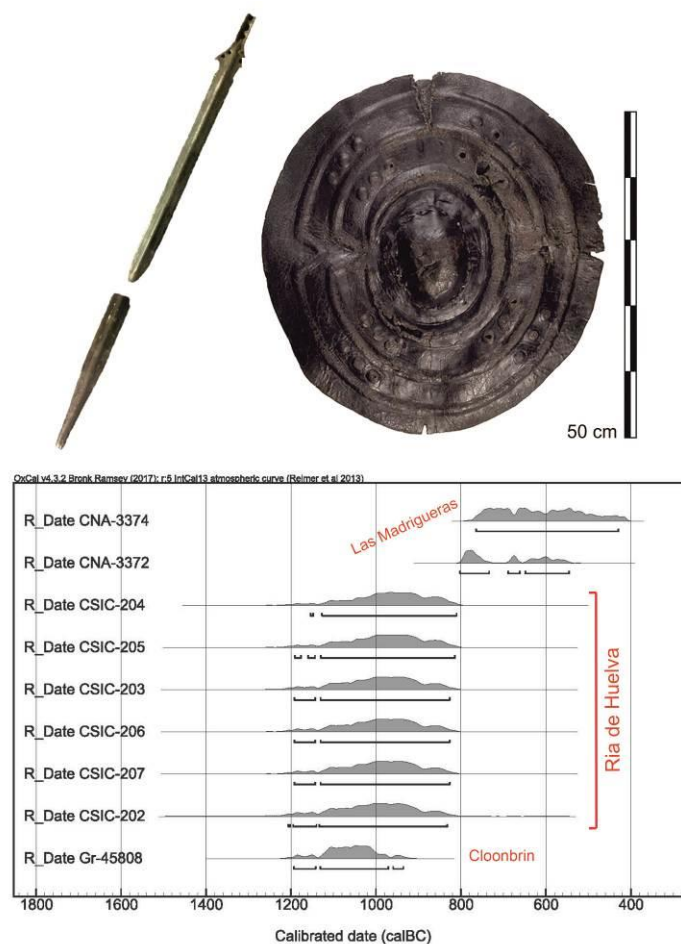
These chronologies are based on the radiocarbon dating (direct or by association) of artefacts that circulated or could have been known in western Iberia during the late 2<sup>nd</sup> and early 1<sup>st</sup> millennia cal BCE, such as spears, swords, conical helmets, fibulae or V-notched shields. These are directly relevant for the evaluation of the Almargen stela within a wider framework of connections, patterns of exchange and weapon deposition developed in this region during the 12th and 11th centuries BCE. The human figure has a conical motif above the head, like those documented on the stelae of Setefilla and Ategua (Díaz-Guardamino *et al.* 2015). The interpretation of this motif as a conical helmet (Villaseca 1993a, 219-20) is risky, given its simplicity. Conical motifs clearly depicting conical helmets are scarce. These include the stelae of Santa Ana de Trujillo and Zarza de Montánchez (Cáceres) (Díaz-Guardamino 2010, Catalogue: 339, 355), as well as the unpublished example of Telhado (Fundão, Castelo Branco, Portugal). These stelae bear representations of helmets similar to the one found in the Ría de Huelva 'hoard', radiocarbon dated to the 11th and 10th centuries BCE (68% probability) (Table 4).

Site	Sample	Context	Lab Code	Dating Method	BP	Cal BCE (1 $\sigma$ )	Cal BCE (2 $\sigma$ )	Reference
Las Madrigueras (Málaga, Spain)	Charred material	ALM-10-344, L-39-40/ 3 (depth 2.24-2.07), level of ashes associated to circular structure (underlying?)	CNA-3374	AMS	2466 $\pm$ 33	750-520	760-430	This paper
	Charred material	Madrigueras 3	CNA-3372	AMS	2547 $\pm$ 34	800-590	800-550	This paper
Ría de Huelva (Huelva, Spain)	Spear shaft wood 24/60/14	Hoard	CSIC-204	Conventional	2800 $\pm$ 70	1040-850	1150-810	Almagro-Gorbea 1977: 524-525
	Spear shaft wood 24/60/108	Hoard	CSIC-205	Conventional	2810 $\pm$ 70	1050-850	1190-810	Almagro-Gorbea 1977: 524-525
	Spear shaft wood 24/60/106	Hoard	CSIC-203	Conventional	2820 $\pm$ 70	1110-900	1190-830	Almagro-Gorbea 1977: 524-525
	Spear shaft wood 32501	Hoard	CSIC-206	Conventional	2820 $\pm$ 70	1110-900	1190-830	Almagro-Gorbea 1977: 524-525

	Spear shaft wood 24/60/119	Hoard	CSIC-207	Conventional	2820±70	1110-900	1190-830	Almagro-Gorbea 1977: 524-525
	Spear shaft wood 24/60/109	Hoard	CSIC-202	Conventional	2830±70	1110-910	1210-830	Almagro-Gorbea 1977: 524-525
Cloonbrin (Co. Longford, Ireland)	Leather	Swamp	Gr-45808	AMS	2880±35	1110-1010	1190-940	Uckelmann 2012: 159

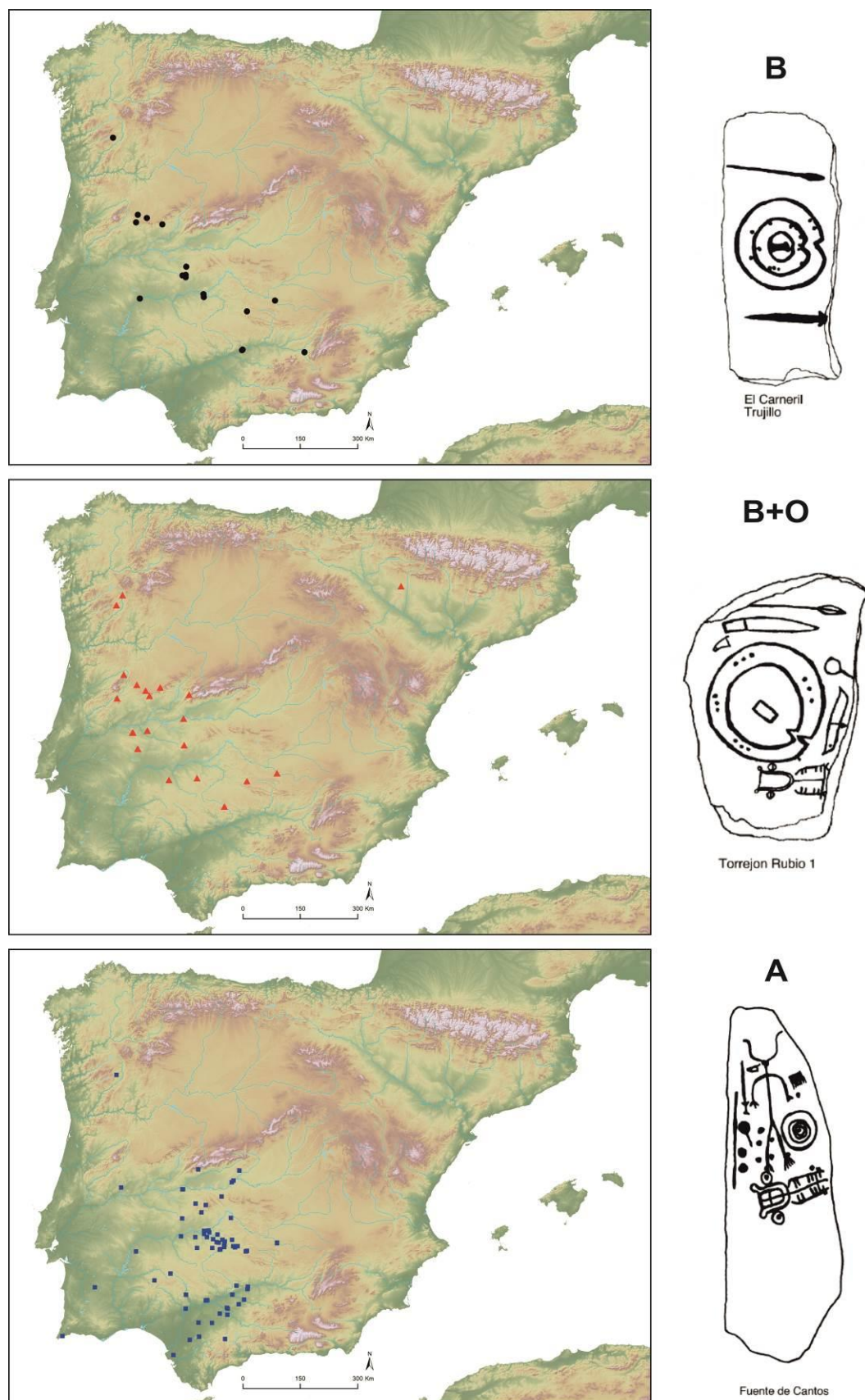
**Table 4.** Radiocarbon dates mentioned in the text. Calibration conducted with OxCal v4.3.2, with the atmospheric curve IntCal13 (Reimer et al. 2013).

While the iconography of the Almargen stela presents the ‘canonical’ elements that set it as ‘warrior stela’ in line with other several dozen monuments like it known in western Iberia (always in Atlantic Iberia), the conic motif above the head of the ‘warrior’ and the absence of a sword (one of the artefacts most frequently depicted in these monuments) endows it with a clear idiosyncrasy, a topic we will return to below. Paradoxically, the involvement of the Almargen communities in broader connections at this time is further suggested by the ‘Huelva type’ sword found barely 400 m from the find-spot of the stela (see below). Brandherm (2007) identified the sword as belonging to the Series I, dated to the Willburton/Satin-Brieuc/Hío phase (*c.* 1130-1050 BCE). Huelva type swords are Iberian styled productions (Rovira 2007; Brandherm 2007), although some examples are also found in Britain and France. To this we can add the recent radiocarbon dating of the V-notched leather shield from Cloonbrin (Co. Longford, Ireland) (Uckelmann 2012, 72-73), with a morphology akin to those represented on numerous ‘warrior’ stelae, including that of Almargen (Fig. 8), dated to around the 11th century BCE (68% probability) (Tab. 4, Fig. 8).



**Figure 8.** Top: The Almargen Huelva type sword and the leather shield from Cloonbrin (Co. Longford, Irlanda) (Photograph: National Museum of Ireland). Bottom: Multiple plot of the probability distributions of the radiocarbon measurements mentioned in the text (see Table 4). Generated with Cal v4.2.4.

Current accepted dates for the presence or circulation in Iberia of the artefact-categories depicted are also consistent with the chronological development proposed for the three major groups distinguished by researchers (Díaz-Guardamino 2012, Table 2). These are linked to changing connectivity flows between the western periphery of the Central Iberian Plateau, the Atlantic fringe and the Southwest, but also further afield across Atlantic Europe and the Mediterranean (Díaz-Guardamino 2010, 327-411; 2012). The joint presence of a sword, shield and spear (type B, after Díaz-Guardamino 2012) appears to be the oldest, and is related to connectivity flows with the broader Atlantic. This basic panoply appears alongside other objects (e.g. fibula, mirror, comb, chariot), which were linked to Mediterranean connections, in type B+O. Type A would include varying numbers of those artefacts, along with one or more schematic human figures, whose presence has also been tentatively linked to connectivity with the Mediterranean — the stela of Almargen would belong to this group. These three major groups present slightly overlapping supra-regional distributions (Fig. 9). While B, all B, B+O and A seem to develop simultaneously from the 12th to 10th centuries BCE, however only A seems to have continued up until the beginning of the EIA, as is broadly reflected in the CA plot (Fig. 7: Top).



**Figure 9.** Distribution of 'warrior' stelae per main 'types' in Iberia (Image: Marta Díaz-Guardamino).

Other dimensions of variability can also inform us about changing connectivity flows within the western fringe of the Iberian Central Plateau. There were stylistic conventions underlying the ways in which motifs were arranged on the stone canvas, or subtle stylistic choices in the ways motifs were represented. These formal conventions were crafted through connections across more or less extended network flows; these could be regional or inter-regional. In the case of Almargen, the engravings on the stela reproduce iconographic conventions which are found across various regions of the Iberian southwest (i.e. the Guadalquivir valley, south Portugal, the Middle Guadiana and the Middle Tagus). For instance, the morphology of the human figure, with curved upper limbs, and the size and relative position of the shield in relation to the human (next to each other) appears on three stelae in the Guadalquivir valley (Burguillos, Écija 5/El Berraco and Cuatro Casas/Carmona) (Fig. 1). In the case of Burguillos, the shield and human figure have similar proportions to those on the stela of Almargen. Additionally, the horizontal position of the spear, along the upper edge of the decorated surface, is scarcely documented on type A stelae of the Guadalquivir valley (3 examples). However, its frequency increases in the Middle Guadiana (9), and one example is known in the Algarve, plus two in the Middle Tagus. Three stelae in the Middle Tagus (Solana de Cabañas, Zarza de Montánchez, Las Herencias 1) and three in the Guadiana/south of Portugal (Figueira, Ervidel 2 and Monte Blanco/Olivenza), share common features with the stela of Almargen (Fig. 1): V-notched shields (5, possibly 6 examples), an oversized shield in parallel to the human figure (4), a representation of a fibula at shoulder/head height (4), oversized hands (3) and a conical helmet (1).

However, there are significant differences between the execution techniques of the carvings documented on the Almargen case and those of others, such as Solana de Cabañas or Ervidel 2. The motifs on the Almargen slab show much simpler outlines and more rugged grooves than those documented on the stela of Solana de Cabañas, for example. In the latter, motifs were neatly outlined, being some of the motifs' interior completely pecked with fine and dense pecking. In the stela of Solana pecked areas were not abraded, whereas large portions of the grooves depicting motifs on the Almargen stela were abraded. What the stela of Almargen shares with most of the other stelae belonging to this tradition is a carefully levelled surface, the finish, however, being much rougher — although this may be partly due to the poor preservation of the rock's surface.

These technological details are highly relevant, since even though the iconographic conventions can be interpreted as the result of the immersion of the communities of Almargen in broader connections, the stela presents clear idiosyncrasies in the way it was made, as also occurs in the cases of Setefilla and Almadén de la Plata 2 (Díaz-Guardamino *et al.* 2015). The style in which the same categories of motifs are depicted, as well as their technical properties and the carving sequences, differ notably between these monuments, a fact that is even more striking when we consider that all of them



were documented in the Guadalquivir valley. This underlines the significance of their local dimension, in that their crafting was probably in the hands of local artisans who likely had limited experience in stelae-making and/or implemented carving techniques known in local/regional rock art traditions, as occurs in the Middle Guadiana, for example (Domínguez & Aldecoa 2007; see also Díaz-Guardamino 2020). This suggests that despite the use of a widely shared graphic ‘language’, there was no single way of making a ‘warrior’ stela. This has relevant implications when interpreting the social and ideological dimensions of these monuments. Importantly, petrographic analyses indicate that the slabs used to manufacture the stelae of Almadén de la Plata 2 (García-Sanjuán *et al.* 2006) and Almargen (see above) were locally sourced, further underlining that stelae-making was a globally shared but locally interpreted practice.

#### **4. Almargen: a persistent place of passage in a connected world**

Unlike many other Iberian ‘warrior stelae’, the exact location of the Almargen stela when it was discovered is known. Mr. Francisco Morón, who discovered the stela in the early 1980s alongside Mr. Francisco Hidalgo, accompanied us to the exact spot where the stela was found, located on a road heading eastward at the outskirts of Almargen (Fig. 10:1), which overlays a driveway. Along this stretch, northwards from the current road, there is a small hill on whose slope the stela was discovered. As mentioned before, there are numerous rocky outcrops on this hill, some of them showing evidence of quarrying, as well as pre- and proto-historic ceramic sherds. Petrographic analysis proves that the rock employed to make the stela was quarried from this hill. South of the road, a wide plain stretches out dotted with wells (fresh water) which reveal the swampy past of this land. Indeed, the name ‘Almargen’ comes from the Arabic *al-marj* which in Spanish means ‘swamp, meadow or pasture’ (Vernet 1960), although Asín (1940, 67) writes it with a j, ‘Almarjen’, treating it as a derivative of the plural of *maryain*, ‘the two meadows’. In any case, both meanings refer to the use of the town’s land as pastures which, as the wells in the area show, must have been frequently flooded.

When Morón and Hidalgo found the stela, they overturned it to hide its engravings and covered it with stones, leaving it in its place. It was not until some years later that they moved it to municipal facilities for its study by Villaseca. However, as Morón informed us, this was not the only stela that they found at this location as during those years, they discovered a second stela with similar engravings. They also left it *in loco* but unfortunately it disappeared and, for this reason, there is no record of it. There are reports concerning a further two stelae, also mentioned by Villaseca (1993b), found at the site of Lacipo (Casares), also in the province of Málaga, but unfortunately, they were never studied, and their present location is unknown.

Regardless of the specific details (important as they are), the stela of Almargen was set in a place of special significance endowed with great geo-strategic value. Almargen is a

transit point between the two main hydrological and climatic regions of Iberia: the Atlantic and the Mediterranean. The stela was found almost exactly at the drainage divide between those two regions, the hydrological basin of the Guadalquivir river (through one of its main tributaries, the Corbones river), that runs towards the Atlantic further to the west, and the Guadalhorce river which, via its tributary the Guadalteba river, flows towards the Mediterranean in the south. Crucially, because of its position, Almargen is a gate place, or hinge, between two of the most culturally complex regions of Iberian Late Prehistory: the Lands of Antequera and the lower Guadalquivir valley (Fig. 1). In that capacity, since regional interaction became more frequent and intense in the Later Neolithic, Almargen held major potential to become a remarkable liminal place between two rather distinctive geographic domains and two culturally powerful regions.

Almargen's connecting role is underscored by a dense network of ancient roads and traditional droveways. A Roman road (XIb) coming from the Vía XI, which connected Antikaria (Antequera) with Acinipo (Ronda la Vieja), passes by Almargen (Fig. 10) (Gozalbes 1986, 201). In addition, no less than six droveways intersect in this locality. This highlights the relevance of Almargen as a communication point in Antiquity and the Middle Ages (Gozalbes 2002). Every bit of evidence suggests that the connecting role of Almargen in ancient and medieval times, was also in play during Late Prehistory. We will mention three examples of this.

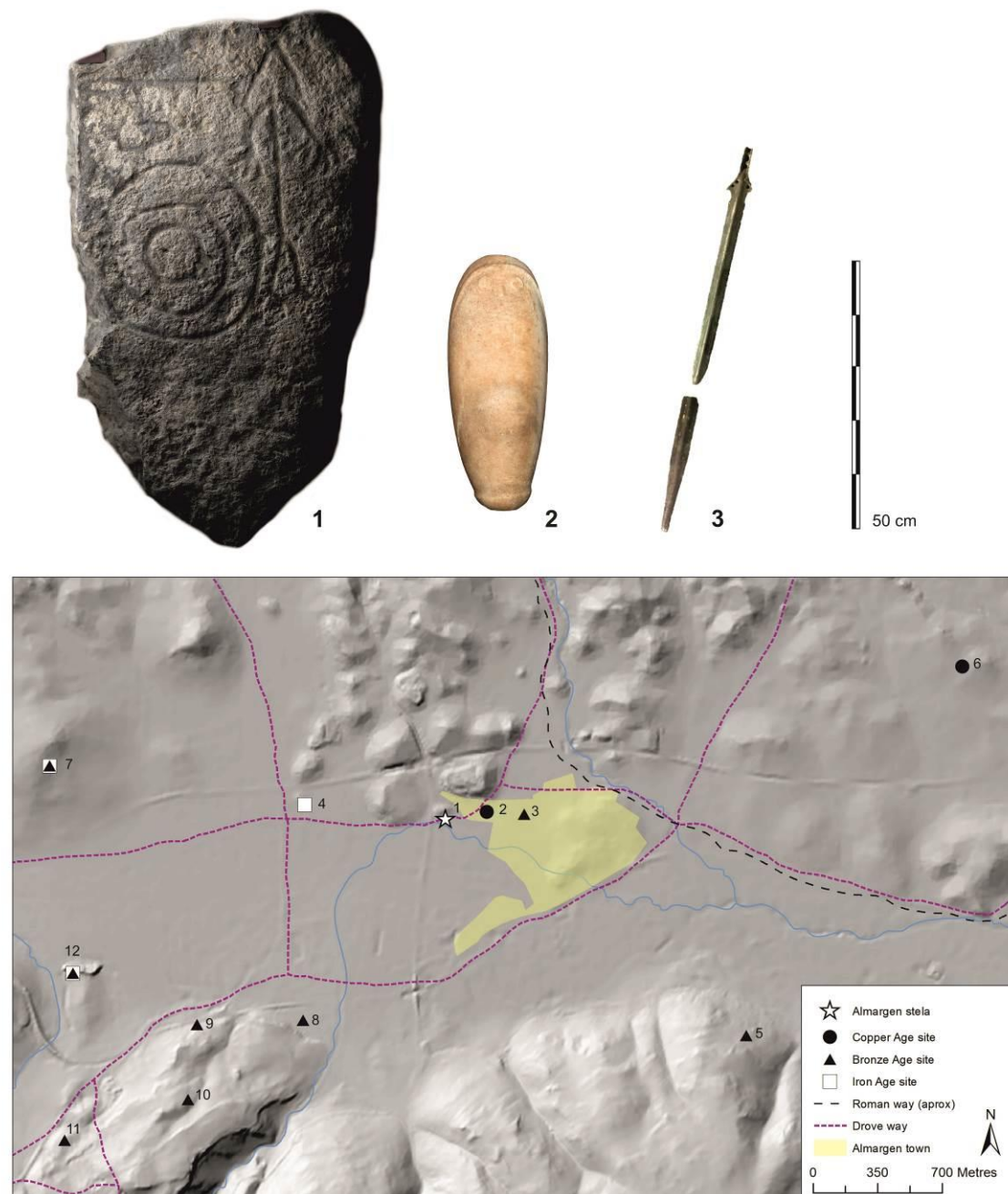


**Figure 10.** The Almargen 'idol' (Height: 48 cm) (Image: Miguel Ángel Blanco de la Rubia).

Although little is known about Almargen in the Late Neolithic and Chalcolithic periods, there is however, evidence suggesting that it may have been a prominent locus of activity in both periods. The most important of them is the so-called Almargen ‘idol’. This object, measuring 48 cm in height and weighing 22.2 kg, was made of marble and has an overall oval shape (Villaseca 1993-1994, 37). At what seems to be its upper end there are carefully carved eye-brows, eyes and nose in low-relief, in the fashion typically known in Atlantic portable, megalithic and rock art (see e.g. the Folkton Drum 1, in Jones et al 2015 or the decorated orthostat I21 of the Dolmen de Soto, in Bueno et al., 2018: 317). A little further down, at the centre of this sculpture, there is a protruding hemi-sphere that makes the figure look like a pregnant woman, although no breasts are represented. At the bottom end there is a similar hemi-spherical enlargement, like a knob, which when the sculpture is turned upside down gives it a vague resemblance to a phallus. This object is not only very interesting because of its size and beautiful finish, but also because of its suggested hybrid nature in terms of fertility and reproduction. The idol was found during non-archaeologically controlled construction work in the Camino de Saucejo street, 200 m east of the ‘warrior’ stela’s find-spot (Fig. 10:2) (Villaseca 1993-1994). Although, unfortunately, there is no further information about its context, the ‘Almargen idol’ is perhaps one of the most remarkable examples of portable imagery (or semi-portable, considering its weight) in the whole of Iberia and indeed western Europe, presenting a highly idiosyncratic combination of ‘fertility’ symbols more or less commonly found in Late Neolithic and Chalcolithic contexts. Given its exceptional characteristics and singularity, it is only fair to assume that this image was connected to an important sanctuary or sacred place in late prehistory, perhaps attracting visitors from further afield<sup>4</sup>.

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<sup>4</sup> It is worth noting that the find spot of this ‘idol’ and the local Museum attract today scores of visitors from all over Spain and further afield who come to Almargen in the hope of increasing their chances for a much-desired pregnancy.



**Figure 11.** Pre- and proto-historic sites found in the municipalities of Almargin (centre) and Cañete La Real (West) and their relationship to Roman/traditional droveways: 1. ‘Warrior’ stela find-spot; 2. Almargin ‘idol’ find-spot; 3. Huelva-type sword ‘find-spot; 4. Cerrillo de las Madrigueras; 5. Haza del Almirón; 6. Arroyo La Rana; 7. Cerro de Las Rosas; 8. Ladera Majavea; 9. Plataforma las Ventanas; 10. Espolón de las Ventanas; 11. Cueva Arroyo Dehesa; 12. Herriza Arroyo Fuentezuela (Image: Marta Díaz-Guardamino).

A second discovery highlighting the special significance of Almargin as a nodal place is a ‘carp’s tongue’ sword broken in two pieces that was found by a resident, Mr. Manuel Lozano, during non-archaeologically controlled construction work 200 m east of the

‘idol’ (400 m east of the stela)<sup>5</sup> (Fig. 10:3). Only the larger portion of the sword, whose blade fracture was filed, was published by Villaseca (1993a) and Brandherm (2007: 59, Plate 8), since they were not aware of the existence of the terminal part of the blade. This fragment, which seems to be intact, was kept in the Almargen Town Hall and went unnoticed until 2009, when it became part of the exhibition in the interpretation centre, along with the stela studied here (Fig. 8: Top). A thorough examination of the sword through suitable analytical methods will be carried out soon, but a naked-eye inspection of the fracture of the terminal fragment suggests that the sword may have been intentionally broken before its deposition. This occurrence is well documented both in Iberia and in other European regions, and has been associated with the public ‘killing’ of metalwork, particularly swords, carried out at ceremonial feasts or ‘potlatches’ during the LBA (Bradley 1990, 36, 103). The tang and blade of this sword strongly resemble some of the swords considered most ‘archaic’ in the Ría de Huelva hoard. Brandherm classified it as a Huelva type sword, Series I; the author dates this group to the Willburton/Saint-Brieuc/Hío phase (c. 1130-1050 BCE) (Brandherm 2007, 16, 59, fig. 6, Plate 70). The terminal part of the blade, recently documented by us during our visit to the interpretation centre, confirms this classification.

The deposition of weapons during the LBA, particularly in aquatic environments, is a well-known phenomenon throughout Europe, and Iberia is no exception. These deposits have been interpreted as offerings associated with the public display and intentional destruction of weapons, which would be linked to rites of passage conducted within the context of ceremonial gatherings (e.g. funerals, banquets) (Bradley 1990, Ch. 3; 2016; Ruiz-Gálvez 1995). The sword of Almargen was discovered by chance and its find-spot was not systematically investigated. Therefore, it is not possible to rule out that it formed part of a more complex hoard comprising other objects, or even faunal remains, as is the case in some better-known deposits from Northwest Europe (Bradley 2016, 58-71)<sup>6</sup>. However, isolated swords have been found both in terrestrial and aquatic environments. The case of Almargen is of significance, since it is close to a swampy environment.

Close to the location where the idol, the sword and the stela were found, 800 m to the west, there is an elevation known as Las Madrigueras hill (Fig. 10:4) (Villaseca 1990, 509; 1993a, 218). In 1992, a 3-week archaeological excavation led by Villaseca was undertaken in Las Madrigueras. The aim was to explore the context of the stela,

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<sup>5</sup> The ‘carp’s tongue’ sword was initially reported by Villaseca (1993a) as found in the area of Casablanca, the source of the river Salado, found, 1.5 km north of the stela find spot. In a recent interview conducted by Ms. Trinidad Angel (staff of the ‘Tartessos in Guadalteba Interpretation Centre’), the discoverer stated that the information reported by Villaseca in the early 1990s was incorrect. He detailed that he had found the sword broken in two pieces when conducting construction work in his property located in the Camino de Saucedá street (he indicated the exact location of the find).

<sup>6</sup> The circumstances surrounding many of these discoveries, often resulting from the draining of rivers or ports, make it difficult to be sure whether specific artefacts were deposited in isolation or as part of larger assemblages. Such is the case, for example, of the analogous swords found in the lower course of the Guadalquivir river, in the neighbouring province of Sevilla (Ruiz 1988; Ruiz & Hunt 1989; Casado-Ariza 2007).

establishing the character of this remarkable elevation, measuring 120-170 m in diameter, where large quantities of surface archaeological material had been identified. The excavation, which to this date remains completely unpublished, involved twenty square metres. It revealed remains of various features, interpreted as domestic structures by the excavator, but neither apparent funerary structures nor human remains were identified.

A considerable amount of ceramic material was recovered. The sample analysed for this study (244 fragments) includes items that on the basis of their morphology and stylistic properties can be roughly dated to the second half of the 8<sup>th</sup> century BCE<sup>7</sup>, within the Early Iron Age (also known as 'Orientalizing' period). Among the wheel-thrown items (N=136), there is a significant number of vessels used for storage (*pithoi*, urns with flared necks and Cruz del Negro urns) and service (pots, plates, bowls), and some amphorae (T.10.1.2.1 type, see Ramón 1995, 230ff., fig. 109). Within the assemblage of hand-thrown pottery (N=100), the largest group is that of kitchenware (27) with pots decorated with fingertips' and nails' impressions, characteristic around the 8th century BC (Ruiz 1995, 278, figs. 25, 26). Within the 'service' crockery group, carinated pots and hemispherical bowls predominate, particularly the former, although no decorated or painted examples with geometric motifs or burnished lattice have been recorded. The profiles of these pots correspond to type A.I. (carinated pots) after Ruiz's typology, who dates them to the LBA, from the 10th century BCE on; these would belong to phase I, the earliest chronology prior to contact with Phoenician colonists (Ruiz 1995, 266ff, figs. 2-8), although their presence alongside more recent types in Las Madrigueras suggests they might be residual elements. Finally, the presence of 'strainers', which have been associated with highly disparate functions such as silver cupellation or cheese making, should be highlighted.

In short, the ceramic sample studied is representative of a wide range of domestic activities carried out at the site from around the 10th century BCE onwards. This chronology appears to be largely consistent with the two radiocarbon measurements obtained from samples of unspecified charred material, which span between the mid-8th and the early 6th centuries cal BCE (68%) (Table 4).

The excavations also yielded polished and chipped stone tools (i.e. flint), as well as a wealth of faunal remains. From the sample of faunal remains studied as part of this research (fragments=868), only 226 specimens (26.04%) could be identified anatomically and zoologically due to the high degree of fragmentation. The results indicate that in terms of the biomass, the staple diet of the human group that occupied this dwelling was based on cattle (MNI=4), sheep and goat (NMI=8), and pig (MNI=4). Wildlife is only represented in small numbers by two species (deer and rabbit). There

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<sup>7</sup>Even though the chronology of EIA pottery in Iberia is often referred to in the literature in uncalibrated terms, all dates provided in this paper refer to calibrated chronology.

seem to be equal numbers of sheep and goats, despite difficulties in their identification. The majority of these domestic animals were sacrificed before maturing. This implies a management of the herds and flocks which generically involved slaughtering the majority of the males at an early age as a source of meat, while keeping the females for breeding and for secondary products (especially cows, sheep and goats). In the case of pigs, the exploitation pattern was focused on meat use, although it was the third most important within the represented livestock populations. The scarce game within the faunal assemblage indicates a limited complementary hunting activity.

In addition to the 'idol', warrior stela and sword find spots and Las Madrigueras, close to each other in space and time, there is a series of sites in Almargen with remains of prehistoric activity. Among these, Haza del Almirón, comprising at least 15 artificial caves with vertical shafts in which materials attributed to the Chalcolithic, LBA and IA, among others, were recovered, is worth mentioning (Fig. 10:5) (Villaseca 1993a, 218; 1993-1994, 509).

All these elements underline the importance of Almargen as a persistent place with multiscale connections. The density of special finds, such as the 'idol', the 'warrior stela' or the Huelva-type sword reveals the density of uses and materialities in a locus that fits in barely 2.5 square kilometres.

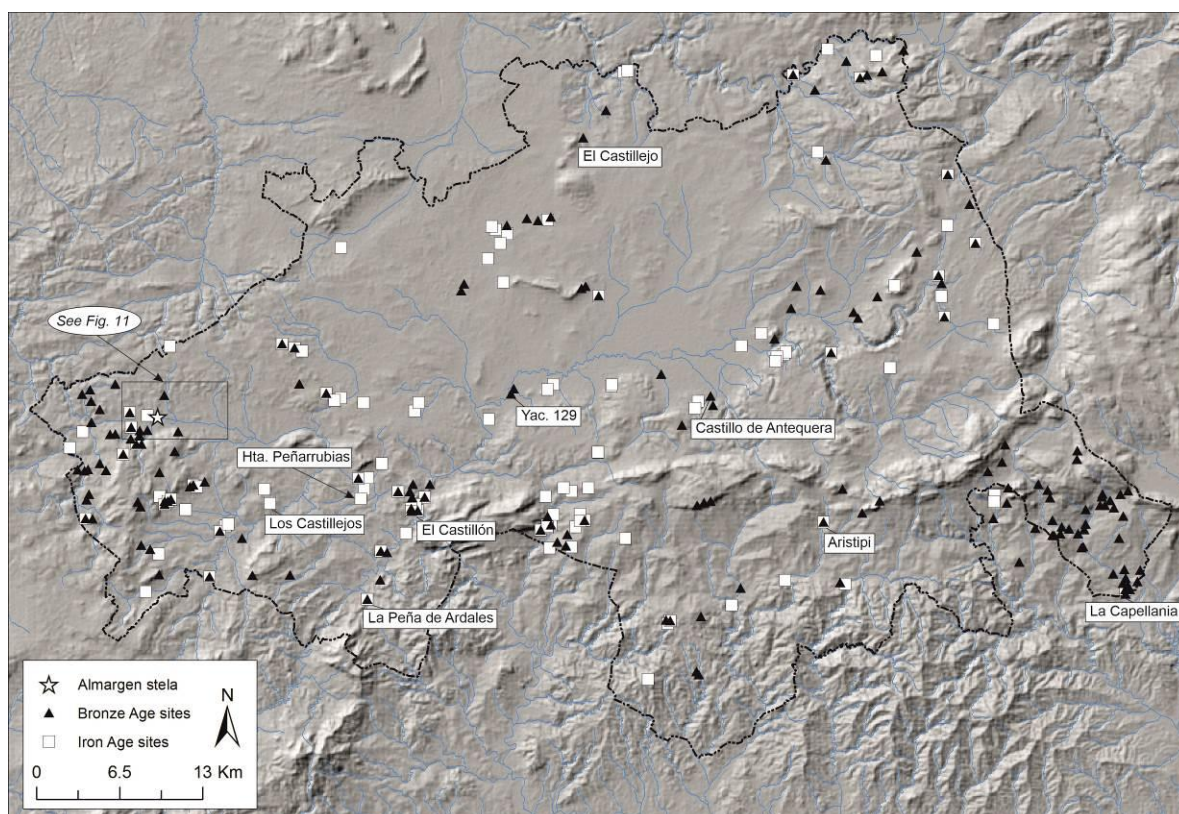
## **5. Persistent places, connectivity and the making of political landscapes**

In the preceding pages we have described evidence suggesting that Almargen was a place of outstanding territorial significance. This significance was rooted in its geographical location, as a 'gate' between the two main physical domains of the Iberian Peninsula, the Mediterranean (Guadalhorce river) and the Atlantic (Guadalquivir river), a true 'hinge' connecting two regions that since the Late Neolithic had witnessed phenomenal cultural and social dynamics: the Lands of Antequera (Guadalhorce basin) and the lower Guadalquivir valley. Place-making and the crafting of social landscapes through remarkable stone monumentality was paramount in both regions, presided respectively by the Antequera megalithic landscape and the Valencina mega-site.

By the last third of the 2nd millennium BCE, large megaliths and ditched enclosures were no longer being built in Iberia, although the ancient ones from the Late Neolithic or Copper Age were very often re-visited and used. Monumentality had shifted towards new practices and forms, and 'warrior stelae' became powerful vehicles in the making of political landscapes — which were dominated by a strong new currency: metals. At that time, the Lands of Antequera experienced an intensive process of territorialisation. Old settlements such as Aratispi, La Capellanía and El Castillejo (which were abandoned at the end of the 3rd millennium) witnessed renewed activity, while new settlements such as Los Castillejos, Castillo de Antequera, Site 129 and Huerta de Peñarrubias were established (Fig. 11). Although the data available on land occupation strategies at the

end of the 2nd and beginning of the 1st millennia BCE are limited, the communities living in the region experienced increasing competition and hierarchisation, possibly accompanied by more rigid territorialisation patterns. This occurred within a framework in which communities intensified their long-distance contacts and probably also competition for strategic resources. In this context, metal ores would have played an important role. On the one hand, sites such as La Peña de Ardales and El Cerrajón, located in Ardales, or El Castellón (Campillos), would have played an important role in the articulation of connectivity and mobility between the Lands of Antequera and the Mediterranean coast (Figs. 1 & 11) (Martín 1994, 15). It seems too much of a coincidence that the exceptional stela of Almargen (and possibly the other stela currently missing), with its 'warrior' symbols, or the Huelva type sword, were found precisely on a location marking the transit between the Guadalquivir (Atlantic) and Guadalhorce (Mediterranean) basins, a place of strategic value which acted as 'hinge' between the coast of Malaga, the Lands of Antequera and the lower Guadalquivir valley. The process of increasing territorialisation and delineation of boundaries in the LBA across the Lands of Antequera is consistent with the use of stelae and hoards as landmarks. During this period other Iberian regions, such as the Middle Guadalquivir valley, the Middle Guadiana, the Middle Tagus and the Beira Interior, closely connected to areas rich in metal ores (i.e. copper, tin and/or gold), witnessed comparable processes of territorialisation and became embedded in networks of long distance connections (e.g. Murillo, 1994; Vilaça 1995; 2008; Vilaça et al. 2002; Pavón 1998; Montero et al. 2007; Armada et al. 2008; Díaz-Guardamino 2010, 368-89; Murillo-Barroso & Martín-Torres 2012; Ling et al. 2014; Murillo-Barroso et al. 2018; Melheim et al. 2018).





**Figure 12.** Distribution of Bronze Age and Iron Age sites in the Lands of Antequera with indication of the area of Almargen (sites mentioned in the text are labelled) (Image: Marta Díaz-Guardamino).

The nodal significance of Almargen increased after the foundation of the first Phoenician settlements on the Malaga coast, in the 9th century BCE. From then on, the Corbones river valley, which connects the Lands of Antequera to the plains of Carmona in the lower Guadalquivir valley (in Seville), would be the main land route between the sphere of Phoenician influence on the coast of Malaga and the ‘orientalising’ sites in the Seville province (e.g. Setefilla, Cruz del Negro, Carmona, El Carambolo) (Fig. 11). In this context it is significant that the Almargen stela is the only one of its type to have been found within the Mediterranean hydrological basin<sup>8</sup>, and that this stela is closely associated with Las Madrigueras, a very active EIA settlement in which some of the innovations linked to the Phoenician presence in Iberia (i.e. wheel-thrown pottery) are well represented.

During the LBA and EIA the strategic relevance of Almargen in southern Iberia is further underlined by increased connectivity brought about through interaction with a variety of ‘external’ agents (such as Myceneans, Sardinians, Phoenicians and others). Both the find-spot of the stela and the sword and Las Madrigueras are found, literally, along

<sup>8</sup> Exception made of the Luna/Valpalmas stela (Saragossa), which was located much further north, away from the main distribution area of ‘warrior’ stelae. Two more stelae were reported as found in Lacipo, Málaga, but as mentioned before, they were never studied and their current whereabouts is unknown.

traditional droveways, one of which unfolds along a Roman way (Fig. 10). The spatial convergence of ancient pathways, stela(e), and the deposit of a 'killed' sword reiterates the role of this area as a significant liminal place and transit hub. The active role of stelae (and other monuments such as menhirs, megaliths, and statues) and hoards as landmarks, both at a sacred and a profane level, as well as their close association with passage ways, has been sufficiently demonstrated (Ruiz-Gálvez and Galán 1991; Galán 1993; Ruiz-Gálvez 1995; Murrieta-Flores *et al.* 2011). Warrior stelae have been interpreted as commemorative funerary monuments used strategically by social elites in rural environments to reassert their control of the land, its exploitation and transit (Enríquez 2006; Díaz-Guardamino 2010). The Almargen stela upholds each one of those patterns: the monument is spatially linked to an area rich in pastures and water resources (including salt), all associated with livestock exploitation, and to a place of high connectivity and strategic significance in the territorial fabric of southern Iberia during the LBA and EIA.

The commemorative role and mortuary dimension of 'warrior' stelae are fundamental for their understanding (e.g. García-Sanjuán *et al.* 2006; Díaz-Guardamino 2010; 2014), and these cannot be dissociated from their role as landmarks. These monuments were polyvalent and performed diverse roles depending on the social context in which they were used (see also Harrison 2004; Enríquez 2006). Sometimes, the spatial overlapping of funerary and commemorative monuments has proven to be a clear indicator of the persistence of some places — and monuments — in the collective memory of diverse communities over centuries and even millennia, as the necropolis of Setefilla (Seville) attests (Aubert 1997; Díaz-Guardamino *et al.* 2015; forthcoming). The available evidence (including especially the 'idol') suggest that, by the end of the second millennium BCE, Almargen had already been a persistent locus of strategic importance for a long time.

It is unusual for the metal weaponry attributed to this period and stelae to appear in the same region. This further underlines the importance of Almargen. Stelae and metal weapons represented on the stelae (swords and spears) and their metal counterparts (spearhead and ferrules in the case of spears), usually have a complementary geographic distribution all over western Iberia, with few exceptions found in the Beira Interior and the Lower Guadalquivir (Díaz-Guardamino 2010, 361-64). Virtually all the LBA metal counterparts found in western Iberia appear as part of hoards or isolated finds (simple deposits), and not in funerary contexts (Díaz-Guardamino, 334-35). This could be due to the inalienable nature (*sensu* Weiner, 1992) of metal weapons — as elements with their own essence which accrued complex biographies through their transmission/circulation — in the communities of western Iberia, especially in those associated with stelae, during the LBA (Díaz-Guardamino 2014; see also Bradley 2016: 152-54). Almargen provides a unique example of close proximity between metal weapons and 'warrior' stelae, although, intriguingly, the Almargen stela is one of the few of its type not to feature a sword (like only 19 out of 98 well-preserved 'warrior' stelae, Fig. 7: Bottom). In summary, the exceptional coincidence of a metal sword and a

‘warrior’ stela at Almargen can be explained on the basis of the liminal character of the place during the LBA, particularly from the 11th-10th centuries BCE onwards. This should be seen in relation to its nodal position between the Atlantic and Mediterranean Iberian domains, as well as its wealth of resources. During the EIA, the Las Madrigueras dwelling site, probably arose in connection with these favourable conditions.

The Almargen stela appears as a ‘paradigm’ of patterns documented in other areas of southern Iberia, where various archaeological indicators reveal the emergence of well-defined political landscapes from the last quarter of the 2nd millennium onwards. Of the 40 ‘warrior’ stelae known in Andalusia, over half are found in the proximity of two or more of the following variables: settlements occupied during the last centuries of the 2nd millennium BCE, burial mounds, accumulations of stones and/or cremation remains, droveways and/or fords, and water resources (Díaz-Guardamino 2010). The vast majority of the contexts of the Andalusian stelae have not yet been systematically surveyed. A preliminary approximation to the topic that results from the review of the literature on stelae and nearby sites (data compiled in Díaz-Guardamino 2010) reveals that proximity to water resources is the most frequent variable (20 cases), followed by proximity to droveways and/or fords (14), proximity to burial mounds, accumulations of stones and/or cremation remains (12) and settlements (8). The fact that this concurrence of the largest number of variables occurs in instances that, like Mirasiviene and Setefilla, have been more intensively researched (Díaz-Guardamino et al. forthcoming), underlines the archaeological potential that sites with stelae offer. It also reminds us that the vast majority of warrior stelae are still very poorly understood, essentially because nearly everything about their find-spots and landscape context remain unknown.

## 6. Conclusions

This paper has explored the notions of ‘persistence place’, ‘place-making’ and ‘glocalisation’ in connection with late prehistoric stelae. Through the examination of a particular case study, Almargen, we have looked at how local southern Iberian communities, with their idiosyncratic traditions and special places, became regionally and globally connected during the Late Bronze Age and Early Iron Age. Almargen is a ‘persistent place’, channelling the natural land-route between two of the most active areas of Iberia in the late prehistory: Lands of Antequera and the lower Guadalquivir valley. Our review shows that, inside a tiny area, Almargen holds a remarkable amount of outstanding material productions: an anthropomorphic, polysemic ‘idol’ of likely Late Neolithic-Copper Age date, at least one LBA warrior stela (possibly more), a Huelva-type sword, and an Early Iron Age settlement presenting sizeable amounts of foreign-inspired pottery. As outlined at the beginning of this paper, our theoretically-informed, bottom-up, multidisciplinary approach to warrior stelae reveals major interpretative themes that early research on these monuments neglected. Particularly, this includes the involvement of local communities in multiscale connections.

From a landscape perspective, Almargen was an area of great strategic interest throughout Late Prehistory, rich in resources of economic, symbolic and social value. The locality was an important area of passage and communication within a region that since the Late Neolithic had witnessed a significant phenomenon of monumentalisation, which over time weaved a highly complex network of 'persistent places', as is clearly seen in the neighbouring plain of Antequera through the extraordinary longevity of its great megalithic monuments. Almargen is also a place rich in pastures and water resources (fresh and brackish water), which would have undoubtedly been of special significance in the context of the interaction processes which followed the founding of the first Phoenician colonies along the coast of Malaga from the 9th century BCE onwards. The manufacture and setting of a warrior stela (or stelae) in the area, as well as the 'killing' and deposit of a sword, are practices that seem to have been linked to the persistency of this location as a place of memory and passage. At the same time, they were linked to the physical and symbolic delineation of boundaries in a wider framework of emerging political landscapes during the LBA and EIA, and which affected a large part of western and southern Iberia.

Although the manufacture of the stela of Almargen is simple, its iconography refers to objects with global circulation (mostly with regional presence and manufacture in Iberia), and reproduces stylistic conventions known in distant areas of western Iberia. The motifs on the stela, the Huelva type sword found in the area, and the pottery documented in Las Madrigueras (which includes imports), show that the communities living in Almargen were engaged in inter-regional and global connections during the last centuries of the 2nd millennium and the early 1st millennium BCE, when the stela studied here was crafted and used. As the convergence of livestock trails in the area suggests, it is possible that the communities of Almargen played a key role as a hub in the articulation of these relationships in the region during a period of intensified interregional and global connections. Our study reveals the great archaeological potential that this area offers for advancing our understanding of late prehistory in the Lands of Antequera and by extension, southern Iberia. At the same time, it demonstrates the effectiveness of studying late prehistoric stelae, which are key expressions of the local appropriation of broadly shared symbols, and 'persistent places' for the study of local participation in global networks.

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